CLAIMS

1. A live video processing method, comprising:

displaying a live stream room interface, the live stream room interface comprising a first display area and a second display area, displaying, in the first display area, a display image corresponding to a first streamer, and displaying, in the second display area, a display image corresponding to a second streamer;

in response to a display switching request for the first display area and the second display area, displaying a masking layer on the first display area and the second display area, wherein streamer identifiers of the streamers corresponding to the display images displayed in the display areas masked by the masking layer are displayed on the masking layer;

in response to completion of switching, cancelling the masking layer on the first display area and the second display area, displaying, in the first display area, the display image corresponding to the second streamer, and displaying, in the second display area, the display image corresponding to the first streamer.

2. The method according to claim 1, wherein displaying, in the first display area, a display image corresponding to a first streamer, and displaying, in the second display area, a display image corresponding to a second streamer comprises:

displaying the display image corresponding to the first streamer belonging to a first live stream team in the first display area, and displaying the display image corresponding to the second streamer belonging to a second live stream team in the second display area.

3. The method according to claim 1, wherein in response to a display switching request for the first display area and the second display area comprises in response to a request to switch areas for displaying the first streamer and the second streamer.

4. The method according to claim 2, wherein in response to a display switching request for the first display area and the second display area comprises in response to a request to switch live stream teams to which the first streamer and the second streamer belong.

5. The method according to claim 1, wherein before cancelling the masking layer on the first display area and the second display area in response to the completion of switching, the method further comprises:

exchanging the display image corresponding to the first display area with the display image corresponding to the second display area.

6. The method according to claim 5, wherein exchanging the display image corresponding to the first display area with the display image corresponding to the second display area comprises:

exchanging position of a display container on the first display area with position of a display container on the second display area, to exchange the display image corresponding to the first display area with the display image corresponding to the second display area; or

exchanging a live video stream in the display container on the first display area with a live video stream in the display container on the second display area, to exchange the display image corresponding to the first display area with the display image corresponding to the second display area.

7. The method according to claim 1, further comprising:

in response to the display switching request, exchanging the streamer identifiers on the masking layers.

8. The method according to claim 7, wherein exchanging the streamer identifiers on the masking layers comprises exchanging the streamer identifiers on the masking layers by scaling the streamer identifiers.

9. The method according to claim 8, wherein the exchanging the streamer identifiers on the masking layers by scaling the streamer identifiers comprises:

scaling down the streamer identifier on a first masking layer and the streamer identifier on a second masking layer, wherein the first masking layer is the masking layer displayed on the first display area, and the second masking layer is the masking layer displayed on the second display area;

before the display masking layers are cancelled, exchanging the streamer identifier on the first masking layer with the streamer identifier on the second masking layer in response to the completion of the switching; and

scaling up the streamer identifier on the first masking layer and the streamer identifier on the second masking layer.

10. The method according to claim 1, further comprising:

before the completion of the switching, displaying prompt information on the masking layer, wherein the prompt information is configured to prompt that an exchange is in progress.

11. The method according to claim 10, further comprising:

in response to the completion of the switching, stopping the display of the prompt information.

12. A live video processing apparatus, comprising:

a first display unit configured to: display a live stream room interface comprising a first display area and a second display area, display, in the first display area, a display image corresponding to a first streamer, and display, in the second display area, a display image corresponding to a second streamer;

a second display unit configured to: in response to a display switching request for the first display area and the second display area, display a masking layer on the first display area and the second display area, wherein streamer identifiers of the streamers corresponding to the display images displayed in the display areas masked by the masking layer are displayed on the masking layer; and

a third display unit configured to: in response to completion of switching, cancel the masking layer on the first display area and the second display area, display the display image corresponding to the second streamer in the first display area, and display the display image corresponding to the first streamer in the second display area.

13. An electronic device comprising a processor and a memory, wherein

the memory is configured to store instructions or computer programs; and

the processor is configured to execute the method according to any one of claims 1 to 11.

14. A computer readable storage medium having instructions stored thereon, the instructions, when running on a device, cause the device to perform the method according to any one of claims 1 to 11.

15. A computer program product, comprising computer programs/instructions, wherein the computer programs/instructions, when executed by a processor, implement the method according to any one of claims 1 to 11.